

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-5. (Cancelled) w/o prejudice

6. (Original) A novel hapten for raising antibodies to 3- chlorotyrosine, said hapten comprising 3-(3-chloro-4-hydroxy-benzyl)-6-mercaptomethyl-piperazine--2,5-dione.

7. (Original) A neoantigen for raising antibodies to 3-chlorotyrosine comprising a carrier protein bound to the hapten of Claim 6 by way of a covalent linkage.

8. (Original) The neoantigen of Claim 7, wherein the carrier protein is selected from the group consisting of bovine serum albumin, keyhole limpet hemocyanin and thyroglobulin.

9. (Original) The neoantigen of Claim 7, wherein the covalent linkage includes a sulfur atom.

10. (Original) A method for raising antibodies to 3-chlorotyrosine comprising the use of an antigen formed by covalently linking 3-(3-chloro-4-hydroxy-benzyl)-6-mercaptomethyl-piperazine-2,5-dione to a carrier protein.

11. (Original) The method of Claim 10, wherein the carrier protein is selected from the group consisting of bovine serum albumin, keyhole limpet hemocyanin and thyroglobulin.

12. (Original) A method for raising antibodies to 3-chlorotyrosine comprising using an antigen formed by covalently linking N-acetyl-3- chlorotyrosine to a carrier protein.

13. (Cancelled)

14. (Original) The method of Claim 12, wherein the carrier protein is selected from the group consisting of bovine serum albumin, keyhole limpet hemocyanin and thyroglobulin.

15. (New) A method for raising antibodies to 3-chlorotyrosine comprising using an antigen formed by covalently linking N-acetyl-3, 5-dichlorotyrosine to a carrier protein.